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PTO/SB/05 (08-00)  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 75622.P0035  
First Inventor FUNG, Kim  
Title Adaptive Hybrid for a Digital Subscriber Line  
Analog Front End  
Express Mail Label No. EL 566102397 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 25]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
5. Oath or Declaration (unsigned) [Total Pages 2]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other: .....

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner: \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label



or ☐ Correspondence address below

Name	Davis & Johnson, LLP					22503
Address	PATENT TRADEMARK OFFICE					
	PO Box 90698					
City	Austin	State	Texas	Zip Code	78709	
Country	USA	Telephone	(916) 364-1270	Fax	(916) 364-1471	

Name (Print/Type)	William D. Davis	Registration No. (Attorney/Agent)	38,428
Signature		Date	05-01-2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

## Complete if Known

Application Number	
Filing Date	May 1, 2001
First Named Inventor	FUNG, Kim
Examiner Name	
Group Art Unit	
Attorney Docket No.	75622.P0035

TOTAL AMOUNT OF PAYMENT (\$) 0

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
		101 710	201 355	Utility filing fee	355
		106 320	206 160	Design filing fee	
		107 490	207 245	Plant filing fee	
		108 710	208 355	Reissue filing fee	
		114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$) 355

2. EXTRA CLAIM FEES

Total Claims 13 - 20\*\* =  X  =

Independent Claims 2 - 3\*\* =  X  =

Multiple Dependent  =

Fee from below Fee Paid

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
		103 18	203 9	Claims in excess of 20
		102 80	202 40	Independent claims in excess of 3
		104 270	204 135	Multiple dependent claim, if not paid
		109 80	209 40	** Reissue independent claims over original patent
		110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
		105 130	205 65	Surcharge - late filing fee or oath	
		127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
		139 130	139 130	Non-English specification	
		147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
		112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
		113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
		115 110	215 55	Extension for reply within first month	
		116 390	216 195	Extension for reply within second month	
		117 890	217 445	Extension for reply within third month	
		118 1,390	218 695	Extension for reply within fourth month	
		128 1,890	228 945	Extension for reply within fifth month	
		119 310	219 155	Notice of Appeal	
		120 310	220 155	Filing a brief in support of an appeal	
		121 270	221 135	Request for oral hearing	
		138 1,510	138 1,510	Petition to institute a public use proceeding	
		140 110	240 55	Petition to revive - unavoidable	
		141 1,240	241 620	Petition to revive - unintentional	
		142 1,240	242 620	Utility issue fee (or reissue)	
		143 440	243 220	Design issue fee	
		144 600	244 300	Plant issue fee	
		122 130	122 130	Petitions to the Commissioner	
		123 50	123 50	Petitions related to provisional applications	
		126 240	126 240	Submission of Information Disclosure Stmt	
		581 40	581 40	Recording each patent assignment per property (times number of properties)	
		146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
		149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
		179 710	279 355	Request for Continued Examination (RCE)	
		169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

## SUBMITTED BY

Name (Print/Type)	William D. Davis	Registration No. (Attorney/Agent)	38,428	Telephone	(916) 364-1270
Signature	<i>William D. Davis</i>	Date	05-01-2001		

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